

★ 'Vacuum' Mpro 18-bitter  
(best price)

WCCF 75

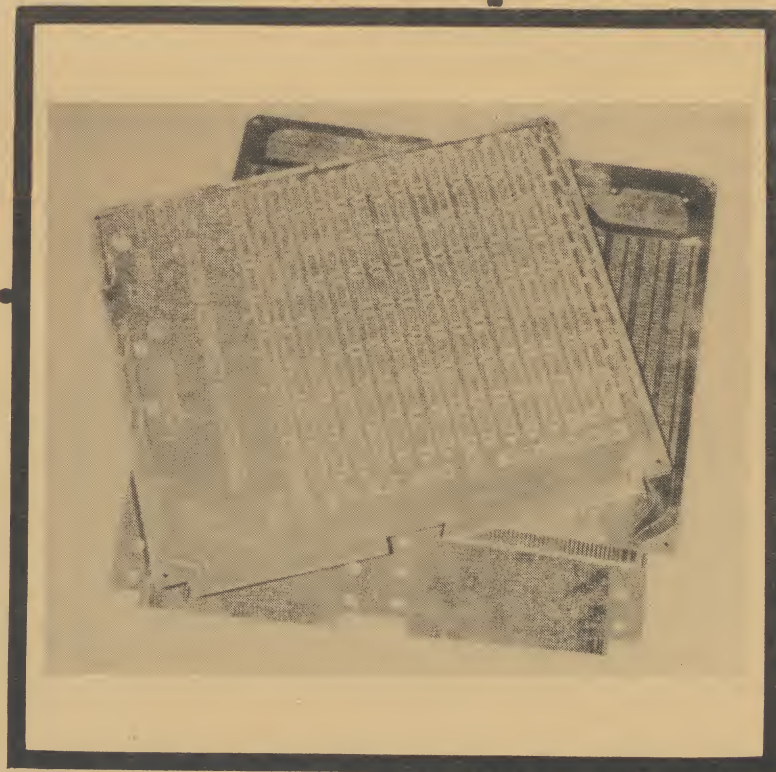
# HIGH PERFORMANCE

## PERSONAL

### COMPUTING PRODUCTS

*Presenting:*

- 6 SLOT MOTHER BOARD
- UNIVERSAL BOARD
- EXTENDER BOARD
- RAM BOARD
- CHASSIS



*Davis Laboratories*

P.O. BOX 2787

SANTA CLARA, CALIFORNIA

95051 ■ (408) 984-2930

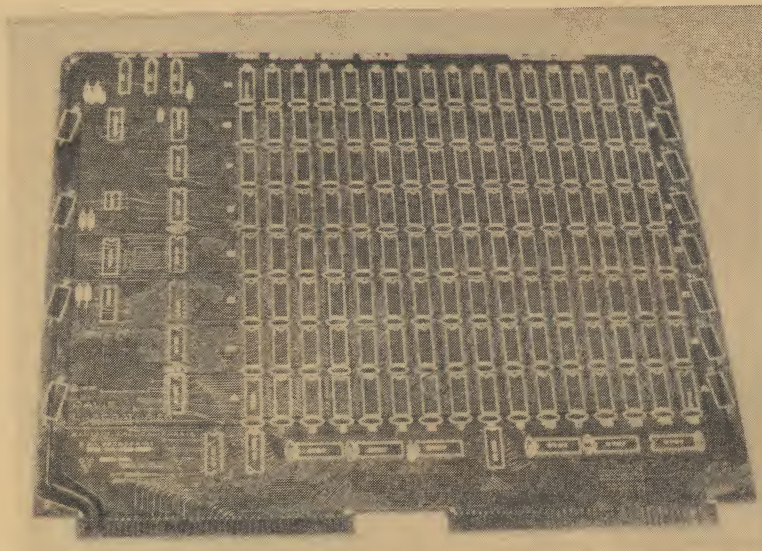


# ◦ 16K BYTE STATIC RAM BOARD

P/N 74-400-002-00

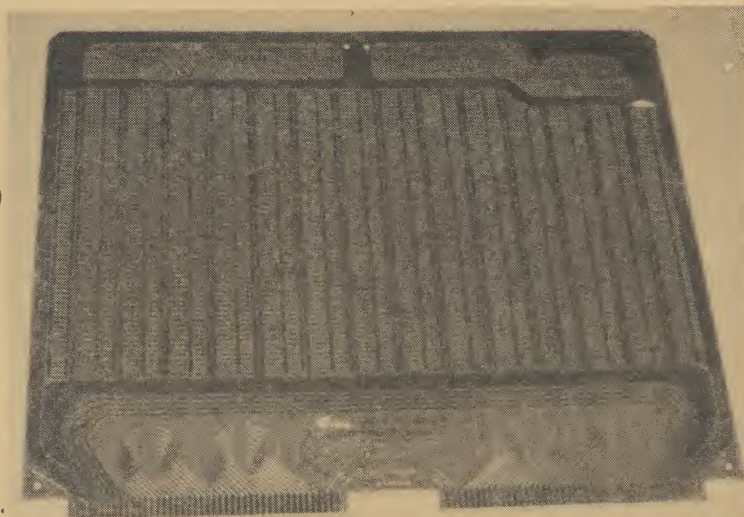
## FEATURES:

- \* POWER AND PIN CAPATIBLE WITH OTHER DAVIS LABS PRODUCTS AND THE AMI PROTOTYPING BOARD.
- \* ORGANIZED AS A 16K X 8 OR 8K X 16.
- \* USES 2102'S, 91L02'S OR SIMILAR ANIMALS.
- \* ALL NECESSARY TIMING PROVIDED ON THE BOARD.
- \* CYCLE EXTENDER TO ALLOW FOR SLOWER "CHEAP" MEMORIES.
- \* CAN BE PARTIALLY LOADED (AS LITTLE AS 1K) AND EXPANDED AS MEMORY BECOMES AVAILABLE.
- \* MOST BITS FOR THE BUCK.



## FEATURES:

- \* POWER AND PIN CAPATIBLE WITH OTHER DAVIS LABS PRODUCTS AND AMI PROTOTYPING BOARD.
- \* 5400 HOLES THAT ACCEPT IC WIRE-WRAP SOCKETS ON .2 INCH, .3 INCH, .4 INCH, .6 INCH, .9 INCH OR COMPONENTS THAT FIT ON A .1 INCH GRID GREATER THAN .2 INCHES (LARGE A/D, D/A, V/F, F/V CONVERTORS)
- \* 5VCC AND GROUND DISTRIBUTED THROUGHOUT BOARD.
- \* CAN HOLD 94 16 PIN IC'S OR CAN BE MODIFIED TO HOLD 188.
- \* ROOM FOR 150 ENERGY STORAGE CAPACITORS.
- \* ACCEPTS TWO 50 PIN AND ONE 20 PIN FLAT CABLE CONNECTORS AND ONE 25 PIN D CONNECTOR FOR RS232C.
- \* ALL BUSS LINES TERMINATE ON WIRE-WRAP SOCKETS.



# ◦ UNIVERSAL BOARD

P/N 74-400-001-00



## ◦ **EXTENDER BOARD** (NOT PICTURED) P/N 74-400-004-00

- \* THIS BOARD EXTENDS A BOARD TO BE WORKED ON BEYOND THE OTHER BOARDS IN THE CHASSIS. "ELIMINATES THE NEED FOR ¼ INCH THICK HANDS."

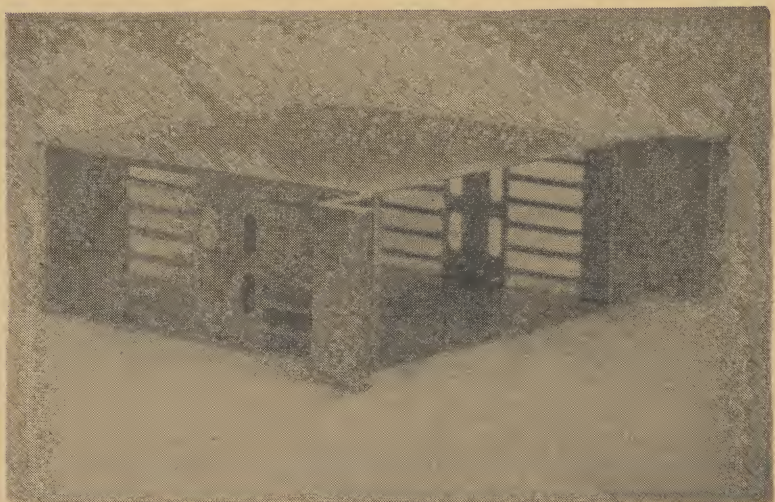


## ◦ **6 SLOT MOTHER BOARD** P/N 74-400-003-00 **FEATURES:**

- \* POWER AND PIN COMPATIBLE WITH OTHER DAVIS LABS PRODUCTS AND AMI PROTOTYPING BOARD.
- \* INTERCONNECTS UP TO 6 BOARDS ON .75 INCH CENTERS.
- \* ALL POWER AND BUS LINES ARE CONNECTED TO EACH SLOT.
- \* DESIGNED TO FIT CHASSIS.

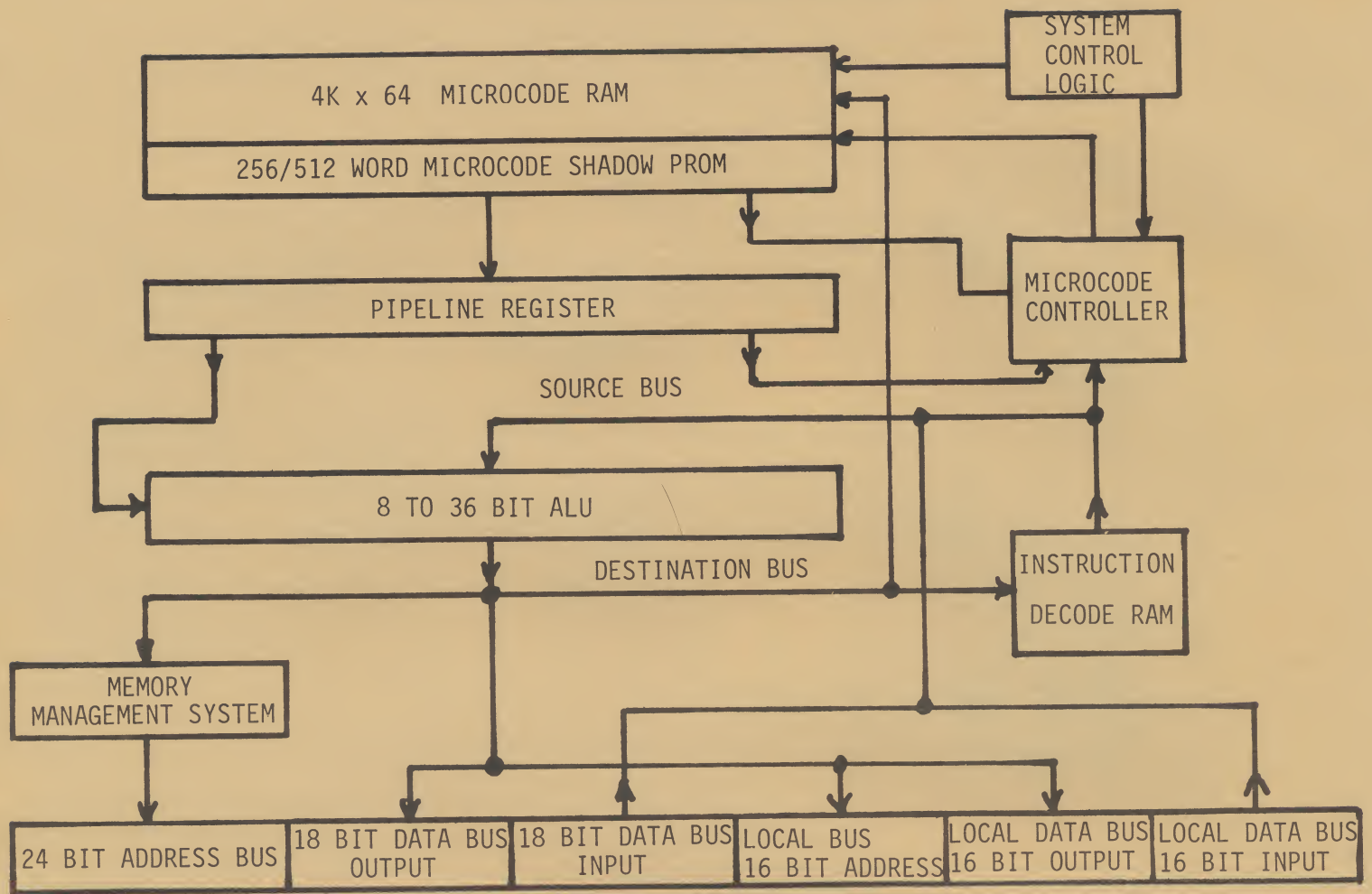
## ◦ **CHASSIS** P/N 99-010-001-00 **FEATURES:**

- \* SECURELY HOLDS 6 BOARDS OF THE AMI-DAVIS FORMAT.
- \* 5¼ INCHES HIGH, FITS STANDARD 19 INCH RACK OR INSTRUMENT CASE.
- \* DESIGNED TO PROVIDE POSITIVE AIR FLOW.
- \* BUILT IN MOUNTS FOR TWO FANS.
- \* ACCESS TO THE TOP AND BOTTOM OF THE BACK PLANE CONNECTOR.
- \* EXTRA DEEP TO PROTECT WIRE-WRAP CONNECTORS.
- \* MADE OF STEEL "RUGGED".



# VACUUM

VARIABLE ARCHITECTURE COMPUTING MACHINE



## FEATURES:

- \* VARIABLE ARCHITECTURE
- \* VARIABLE WORD LENGTH 8-36 BITS
- \* 64 BIT HORIZONTAL MICROCODE
- \* 4K MICROCODE RAM
- \* 256/512 MICROCODE SHADOW PROM
- \* WRITABLE MICROCODE STORE
- \* 24 BIT MAIN ADDRESS SPACE
- \* MEMORY MANAGEMENT ON 1K BOUNDARY
- \* 16 BIT LOCAL BUSS
- \* 6 PARAMETERS STORED FOR EACH MEMORY PAGE
- \* RAM INSTRUCTION DECODE
- \* FULL PIPELINE REGISTER
- \* USES DAVIS LABS CHASSIS AND BOARDS

## BENEFITS:

- \* SUPER EMULATION MACHINE
- \* MOST USED WORD LENGTH AVAILABLE
- \* GREATEST FLEXIBILITY AND VERSATILITY
- \* CAN HANDLE 5-8 INSTRUCTION SETS CONCURRENTLY
- \* NATIVE INSTRUCTIONS FOR STARTUP
- \* CAN MODIFY INSTRUCTION SETS
- \* 32 MEGABYTE REAL/VIRTUAL MEMORY SPACE
- \* MAP MEMORY AND PROTECT ANY PORTION OF MEMORY
- \* SEPARATE MEMORY AND I/O
- \* SETUP FOR PAGING AND PROTECTION SYSTEM
- \* WRITE YOUR OWN INSTRUCTION SET
- \* ALLOWS FASTER OPERATION
- \* SUPPORT ALREADY AVAILABLE